AMENDMENTS TO THE CLAIMS

Please replace the pending claims with the following claim listing:

1-9.   **(Cancelled)**

10.   **(Currently Amended)** A pulmonary <u>volume</u> evaluation device comprising:

an item worn over the user's body for following body movements caused by the user's lung operation;

a sensor for sensing fluctuations in a user's lung operation; and

[[a]] feedback <u>means,</u> driven by said sensor, for determining successive values representative of the user's lung fluctuations and for translating said values into appropriate lung-evaluating information;

wherein [[the]] <u>said</u> item has at least one chamber formed between [[one]] <u>an</u> inner wall and ~~at least one~~ <u>an</u> outer wall, said at least one chamber <u>having a substantially enclosed volume of gas disposed therein, said at least one chamber being</u> sized and shaped <u>so as</u> to span the entire lung region of the user's body, ~~whereby as the user's body displaces due to respiration said at least one inner wall follows the displacement~~ <u>said inner wall following, in use, the displacement of the entire lung region; said inner wall and said outer wall combining to compress said volume of gas as said inner wall is pushed towards said outer wall during inspiration as the lungs expand and to decompress said volume of gas as said inner wall relaxes during expiration as the lungs contract;</u> and said sensor ~~senses the~~ <u>is directly exposed to said enclosed volume for sensing changes in</u> pressure within said ~~at least one~~ chamber <u>throughout inspiration and expiration.</u>

11.   **(Cancelled)**

12.   **(Currently Amended)** A device according to claim [[11]] <u>10,</u> comprising a seal for sealing said at least one chamber; whereby the volume of gas contained by said at least one chamber remains constant and as the body displaces during respiration, a measurable change in internal chamber pressure occurs as the ~~chambers'~~ <u>chamber's</u> wall displaces.

13.   **(Previously Presented)** A device according to claim 10, incorporating an array of chambers locating a chamber over a separate region of the user's lung.

14.   **(Currently Amended)** A device according to claim 10, wherein

said ~~at least one~~ inner wall is substantially resilient and

said ~~at least one~~ outer wall is substantially rigid in relation to said inner wall;

whereby the inner wall may follow, in use, the movement caused by the user's lung operation whilst the outer wall remains substantially rigid.

15.   **(New)** A device according to claim 10, wherein said item comprises a front panel and a rear panel, said at least one chamber being disposed in said rear panel.

16.   **(New)** A device according to claim 10, wherein said at least one chamber comprises two chambers each of which correspond to a lung.

17.   **(New)** A device according to claim 10, wherein said at least one chamber comprises four chambers each of which correspond to one of an upper rib region and a lower rib region of a lung.

18.   **(New)** A device according to claim 10, wherein said feedback means comprises at least one of: a microprocessor, a computer, and a data logger.

19.   (New)   A device for determining pulmonary volume of a user, the device comprising:

an item comprising an inner wall and an outer wall, the inner wall and the outer wall bounding at least one chamber therebetween, a substantially enclosed volume of gas being disposed within the at least one chamber, the item being configured to be worn over the body of the user and the chamber being sized and shaped so as to span the entire lung region of the user when the item is worn over the body of the user, the inner wall and the outer wall being configured to compress the volume of gas as the inner wall is pushed towards the outer wall as a result of the lungs of the user expanding during inspiration and to decompress the volume of gas as the inner wall relaxes as a result of the lungs of the user contracting during expiration;

a sensor directly exposed to said enclosed volume, the sensor being configured to sense changing pressure values of the volume of gas within the chamber; and

means for capturing and evaluating successive pressure values from the sensor to determine values representative of lung fluctuations of the user and for translating said values into appropriate lung-evaluating information.

20.   (New)   A device according to claim 19, wherein the means for capturing and evaluating comprises at least one of: a microprocessor, a computer, and a data logger.

21.   (New)   A device according to claim 19, further comprising a seal that selectively seals the at least one chamber.

22.   (New)   A device according to claim 19, wherein the at least one chamber comprises an array of chambers configured so that each chamber is positioned over a separate region of the lung when the item is worn over the body of the user.

23.   (New)   A device according to claim 19, wherein the inner wall is substantially resilient and the outer wall is substantially rigid in relation to the inner wall, and wherein the inner wall is configured to move in conjunction with lung movement during inspiration and expiration while the outer wall remains substantially rigid.

24.   (New)   A device according to claim 19, wherein said item further comprises a front panel and a rear panel, the at least one chamber being disposed in the rear panel.

25.   (New)   A device according to claim 19, wherein the at least one chamber comprises two chambers configured so that each chamber is positioned over a separate lung when the item is worn over the body of the user.

26.   (New)   A device according to claim 19, wherein the at least one chamber comprises four chambers configured so that two of the four chambers are respectively positioned over an upper rib region and a lower rib region of a lung, and the other two of the four chambers are respectively positioned over an upper rib region and a lower rib region of the other lung when the item is worn over the body of the user.